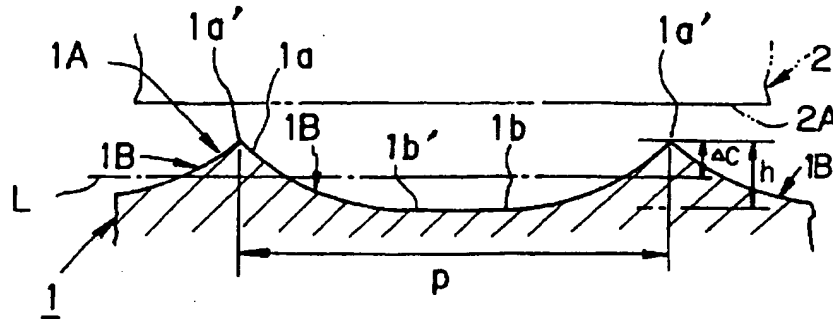
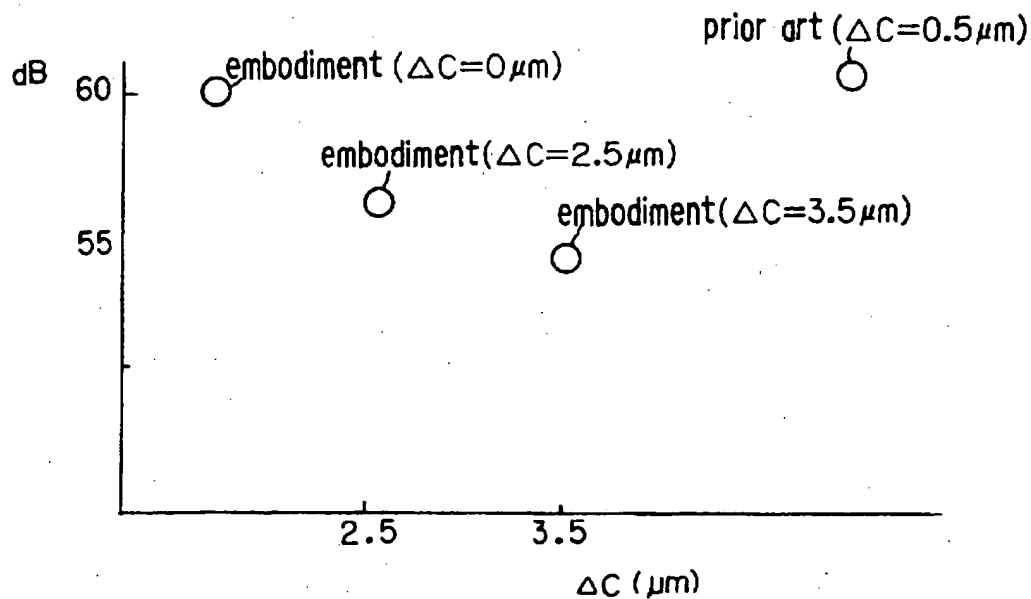




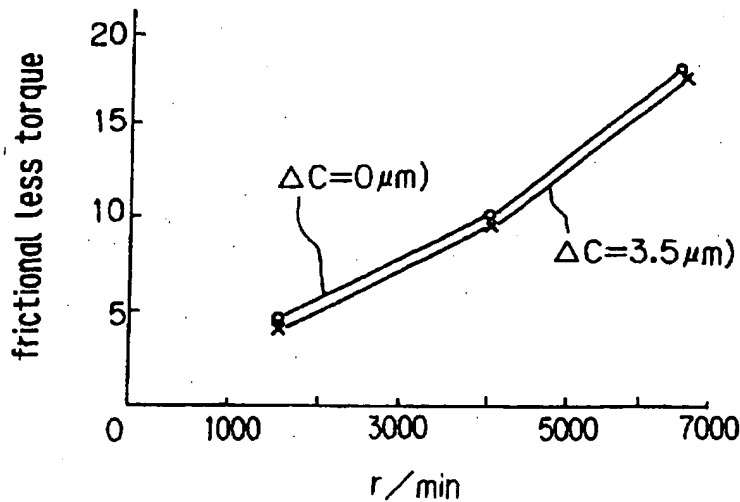
FIG. 1



**FIG. 3**

condition of experiment :

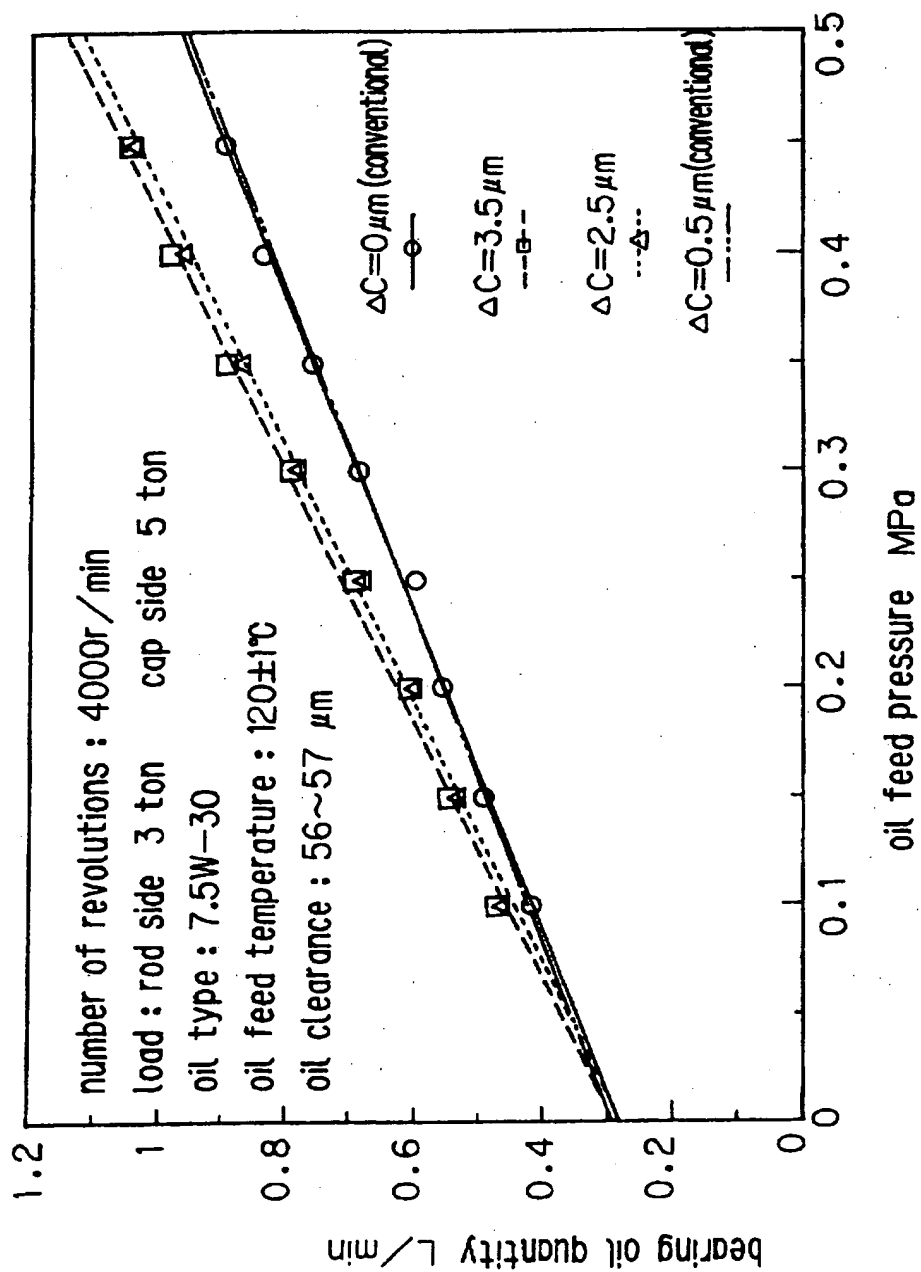
sound pressure level from series four cylinder engine, when operated at 1500 rpm and half-load, is measured with a microphone.

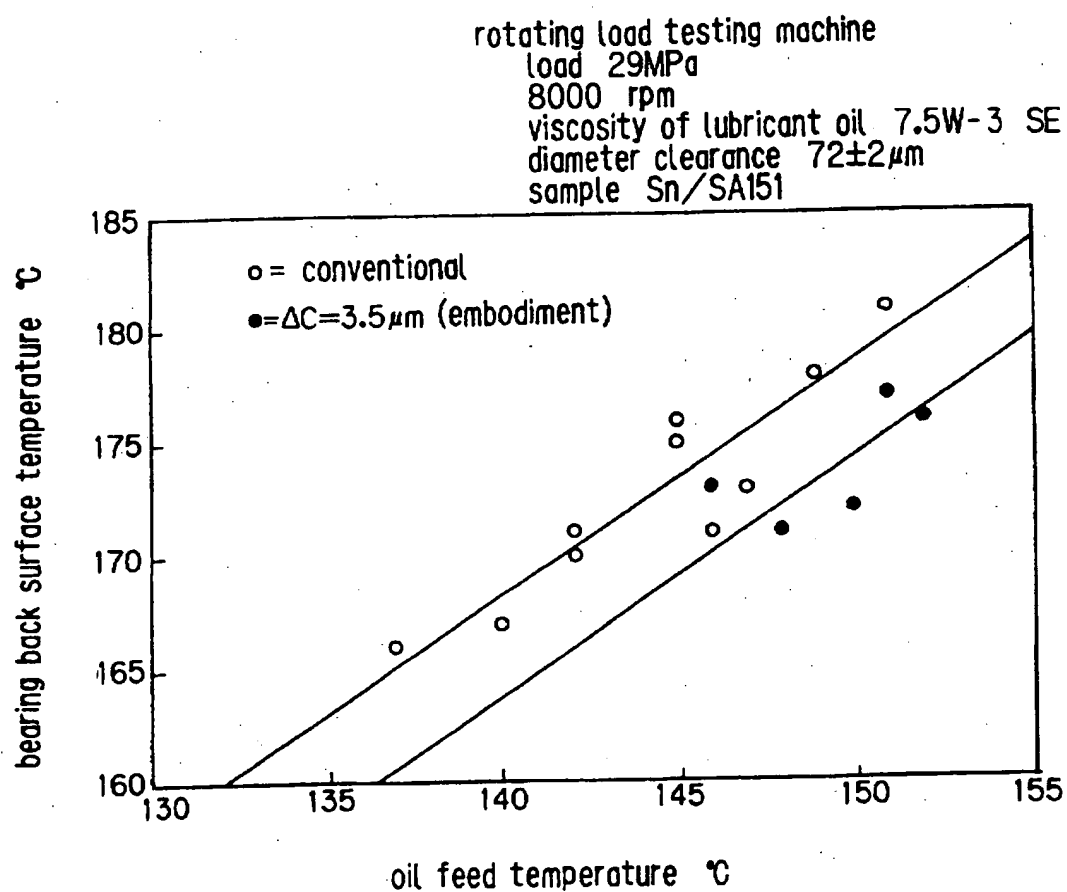
**FIG. 4**

condition of experiment :

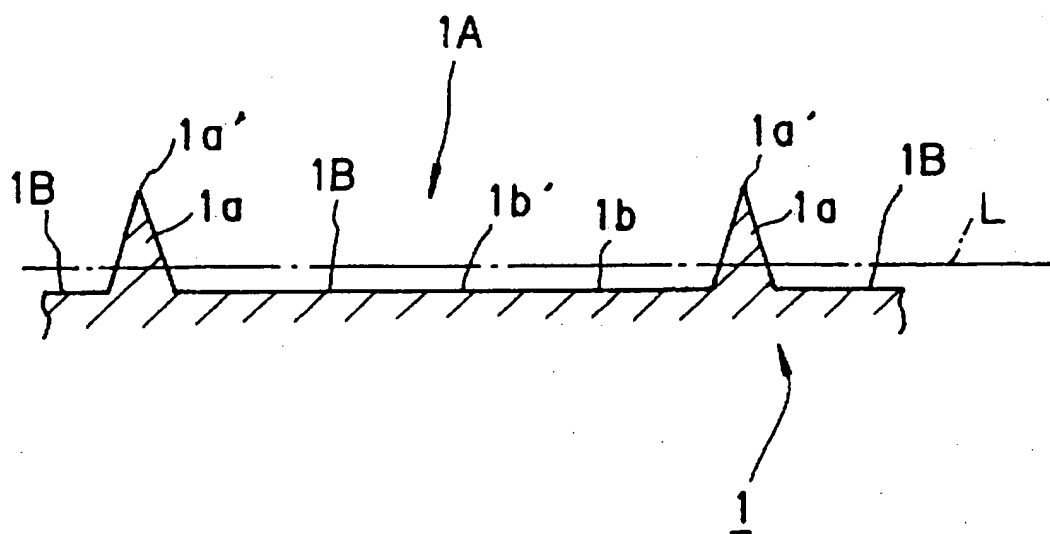
series four cylinder engine oil temperature of  $80 \pm 1 ^\circ C$   
oil variety 7.5w-30 oil clearance of  $45 \mu m$

FIG. 5



**FIG. 6**

**FIG. 7**



**FIG. 8**  
PRIOR ART

